Mathematics: Image 25-30

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 $\label{eq:Description:} Description:$

$$\left\{ \begin{array}{ll} \overline{AB} \mid & A = \left(\\ \\ \end{array} - \sin(\frac{2\pi k}{1000}) \\ \end{array} \right. , \quad -\cos(\frac{10\pi k}{1000}) \right) \\ & , \quad B = \left(\\ \\ \frac{-1}{2} \sin(\frac{12\pi k}{1000}) \\ \end{array} \right. , \quad \frac{-1}{2} \cos(\frac{10\pi k}{1000}) \right) \\ & , \quad k = 1, 2, 3, ..., 1000 \\ \left. \right\} \\ \left. \left(\\ \\ \frac{-1}{2} \sin(\frac{12\pi k}{1000}) \\ \\ \right) \\ \left. \left(\\ \\ \\ \frac{-1}{2} \sin(\frac{12\pi k}{1000}) \\ \\ \\ \end{array} \right) \right\} \\ \left. \left(\\ \\ \\ \\ \frac{-1}{2} \sin(\frac{12\pi k}{1000}) \\ \\ \\ \\ \frac{-1}{2} \cos(\frac{10\pi k}{1000}) \\ \\ \\ \frac{-1}{2} \cos(\frac{10\pi k}{1000}) \\ \\ \\ \frac{-1}{2} \cos(\frac{10\pi k}{1000}) \\ \\ \frac{-1$$

